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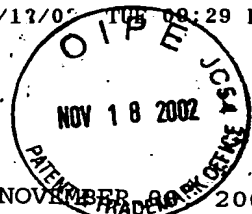
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EXELIXIS, INC.
170 HARBOR WAY
P.O. BOX 511
SOUTH SAN FRANCISCO, CA 94080-0511

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REEL/FRAME: 011087/0343
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

RAIKHEL, NATASHA V.

DOC DATE: 09/08/2000

ASSIGNOR:

KEEGSTRA, KENNETH G.

DOC DATE: 09/08/2000

ASSIGNEE:

MICHIGAN STATE UNIVERSITY
EAST LANSING, MICHIGAN 48824

SERIAL NUMBER: 09490521

FILING DATE: 01/25/2000

PATENT NUMBER:

ISSUE DATE:

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ASSIGNMENT DIVISION
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Execution Date
Month Day Year
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Name (line 2)

Second Party

Name (line 1)

Kenneth G. Keegstra

Execution Date
Month Day Year
09/08/2000

Name (line 2)

Receiving Party



Mark if additional names of receiving parties attached

Name (line 1)

Michigan State University

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

East Lansing

City

Michigan, United States

State/Country

48824

Zip Code

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PATENT

SEP 19 2000

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Area Code and Telephone Number 650-837-8180

Name Jan P. Brunelle

Address (line 1) Exelixis, Inc..

Address (line 2) P.O. Box 511, 170 Harbor Way

Address (line 3) South San Francisco, California 94080-0511

Address (line 4) United States of America

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Patent Application Number(s)

09/490,521

Patent Number(s)

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Jan P. Brunelle

Name of Person Signing



Signature

September 15, 2000

Date

JOINT ASSIGNMENT

WHEREAS w , Natasha V. Raikhel and Kenneth G. Keegstra, both employees of Michigan State University, East Lansing, Michigan 48824, have invented certain new and useful improvements, *Xyloglucan Fucosyltransferases*, and having executed an application for United States patent disclosing and identifying the invention, said application being filed January 25, 2000, and granted application no. 09/490,521; and

Whereas, Michigan State University (hereinafter referred to as assignee), is desirous of acquiring the entire right, title, and interest in and to said invention, said application and the Letters Patent to be obtained therefore;

Now, therefore, and in consideration of our employment and compensation paid to us by assignee and other good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we have sold, assigned, and set over and by these presents do hereby sell, assign, and set over unto the said assignee and said assignee's legal representatives, successors and assigns, the entire right, title, and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention; (c) in and to any and all applications filed an any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a division, substitution, continuation or nonprovisional 37 CFR 1.53(b) application of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents; and we do hereby authorize and request the Commission of Patents and Trademarks to issue said Letters Patent to the above-mentioned assignee agreeably with the terms of this agreement.

We hereby authorize the above-mentioned assignee or its legal representative to insert in this instrument the filing date and serial number of our said application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Upon said consideration, we convey to said assignee the right to make application in its own behalf for protection of said invention in countries foreign to the United States and where expedient to claim under the International Convention or other international arrangement for any such application the date of the said United States application (or other application if any there be) in priority to other applications; and we do hereby covenant and agree with the said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will at any time upon request, without further or additional consideration, but at the expense of the said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable or perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, renewal, reissued or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chose in action accruing as a result of such application or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of both parties.

Date: 9/8/00

By: Natasha V. Raikhel
NATASHA V. RAIKHEL

State of Michigan)
County of Ingham) ss.

Before me, Janyth M. Sherman, Notary Public, personally appeared Natasha V. Raikhel and acknowledged the foregoing instrument to be her free act and deed this 8th day of September, 2000.

WITNESS my hand and official seal.

(SEAL)

Janyth M. Sherman
Notary Public
JANYTH M. SHERMAN
Notary Public, Ingham County, MI
Commission Expires July 12, 2002

Attorney Docket No.: MS00-001

Date: 9/8/2000

By: Kenneth G Keegstra
KENNETH G. KEEGSTRA

State of Michigan)
County of Ingham) ss.

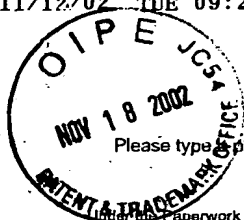
Before me, Janyth M. Sherman, Notary Public, personally appeared Kenneth G. Keegstra and acknowledged the foregoing instrument to be his free act and deed this 8th day of September 2000.

WITNESS my hand and official seal.

(SEAL)

Janyth M Sherman
Notary Public

JANYTH M. SHERMAN
Notary Public, Ingham County, MI
Commission Expires July 12, 2002



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Application Number	10/037,311
Filing Date	November 9, 2001
First Named Inventor	Raikhel
Title	Xylöqlucan Fucosyl..
Group Art Unit	1638
Examiner Name	
Attorney Docket Number	MSU 4.1-633

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21036

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☒ Practitioner(s) named below:

Name	Registration Number
Ian C. McLeod	20,931
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Ian C. McLeod

Address McLeod & Moyne, P.C.

Address 2190 Commons Parkway

City Okemos

State MI

Zip 48864

Country USA

Telephone (517) 347-4100

Fax (517) 347-4103

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.

Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Paul Hunt, Assistant Vice President for Research and
Signature	<i>Paul Hunt</i> Graduate Studies-Michigan State University
Date	November 9, 2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

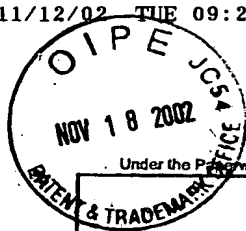
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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Michigan State UniversityApplication No./Patent No.: 10/037,311 Filed/Issue Date: 11/09/2001Entitled: Xyloglucan FucosyltransferasesMichigan State University, a University

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %
- in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 11087 Frame 0343, or for which a copy thereof is attached.

**Assignment recorded in parent
application S.N. 09/490,521,
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OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

November 9, 2002
Date

Paul Hunt

Typed or printed name

Paul Hunt
Signature

Vice President for Research and
Graduate Studies

Title

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